

In re Application of:

Nemerow et al.

Application No.: 10/560,250

Filed: June 22, 2006

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Amendments to the Claims:

Please amend claims 58 and 81 as follows in the Listing of Claims.

Please cancel claims 69-71 without prejudice or disclaimer.

The listing of claims will replace all prior version, and listings, of claims in the application:

Listing of Claims:

1. (Withdrawn) A modified adenovirus fiber, comprising a modification to the fiber protein shaft, wherein the modification comprises a modification selected from among: a modification of a last full repeat; a modification of a β -repeat corresponding to a third β -repeat and a modification of a last full repeat; and a modification of one or both of a modification of a last full repeat and a modification of at least one amino acid in a contiguous sequence of amino acids corresponding to the amino acid sequence TTVT/S set forth in SEQ ID No. 44 in a third β -repeat, whereby binding of the fiber or of a viral particle containing such fiber to the Coxsackie-Adenovirus Receptor (CAR) is reduced compared to the unmodified fiber.

2. (Withdrawn) A modified adenovirus fiber, comprising a modification to the fiber protein shaft, whereby binding of the modified fiber to Coxsackie-Adenovirus Receptor (CAR) is reduced or eliminated, wherein: the unmodified fiber binds the Coxsackie-Adenovirus Receptor (CAR); and the modification comprises a modification of a repeat corresponding to the last full β -repeat, or the third β -repeat and the last full β -repeat of the shaft or one or both of the last full β -repeat and a portion of the third β -repeat that comprises the TTVT/S motif (SEQ ID No. 44) or a corresponding motif.

3. (Withdrawn) A modified fiber of Claim 1, wherein the modified fiber binds to CAR with less than 50%, 40%, 30%, 20%, 10%, 5%, 1% of the binding affinity of the unmodified fiber.